

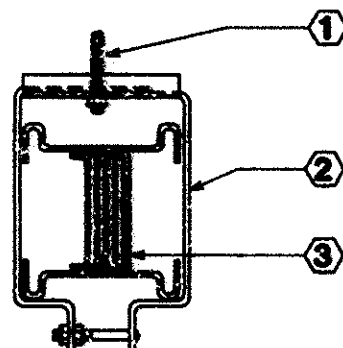


BUSDUCT VERTICAL SUPPORT DETAIL

N.T.S.

NOTES:

- ① DROP ROD, SIZE AND SPACING AS PER MANUFACTURER'S RECOMMENDATIONS AND CODE.
- ② BUSDUCT
- ③ FLATWISE HANGER SQUARE 'D' # HF-13-F

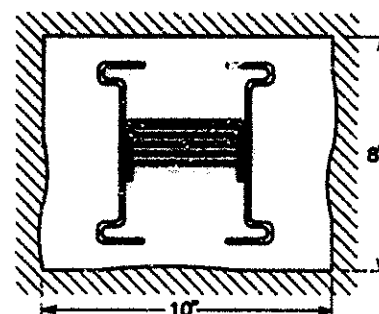


BUSDUCT HANGER - EDGWISE SUPPORT DETAIL

N.T.S.

NOTES:

- ① DROP ROD, SIZE AND SPACING AS PER MANUFACTURER'S RECOMMENDATIONS AND CODE.
- ② BUSDUCT
- ③ EDGWISE HANGER SQUARE 'D' # HF-78-E

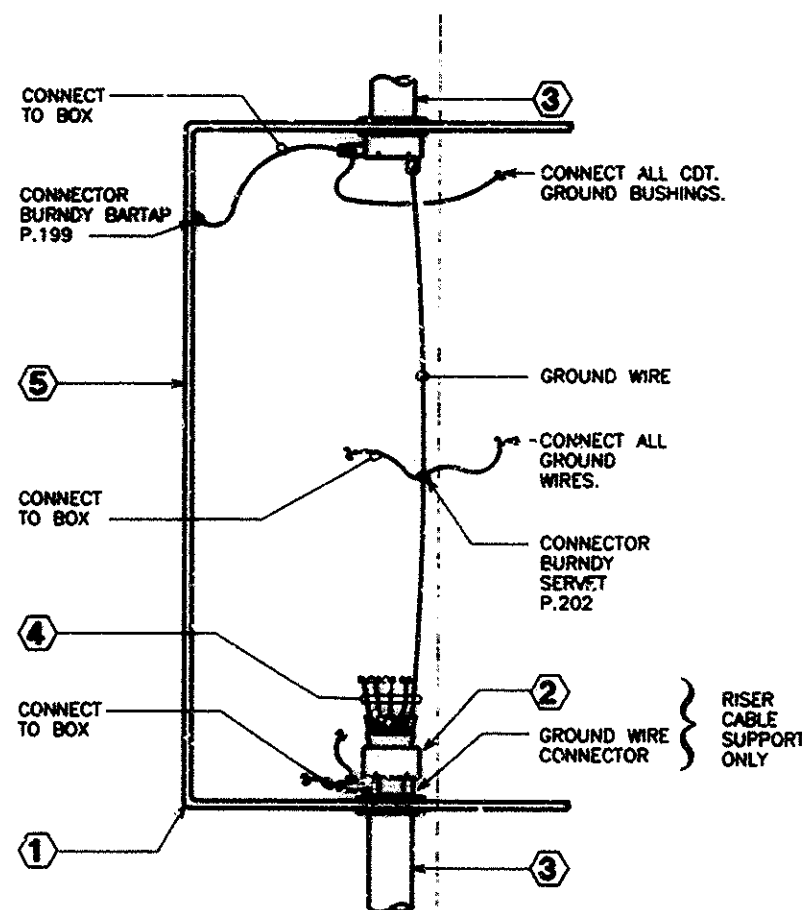


BUSDUCT WALL AND FLOOR OPENING DETAIL

N.T.S.

NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR FIRE SAFING DETAILS.

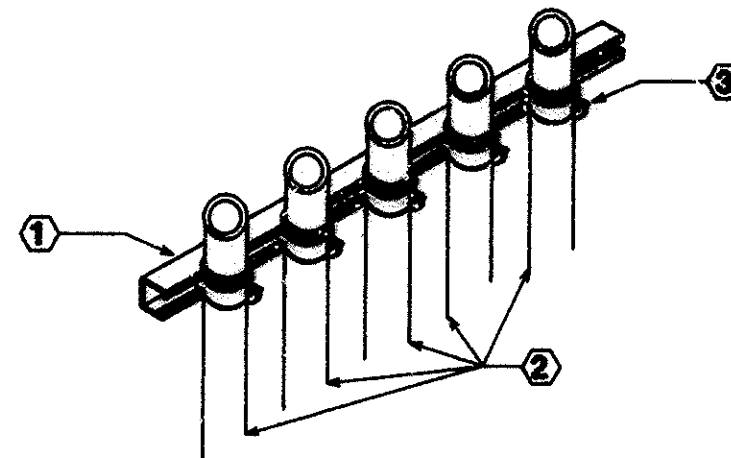


TYPICAL GROUND CONNECTION DETAIL FOR CABLE SUPPORT AND PULL BOXES

N.T.S.

NOTES:

- ① CABLE SUPPORT BOX IN SHAFT.
- ② CABLE SUPPORT
- ③ 4" RGS.
- ④ 500 KCMIL + 1 1/4" O GROUND.
- ⑤ CABLE SUPPORT BOX TO HAVE TWO REMOVABLE COVERS FOR ACCESS FROM BOTH AIR AND ELEVATOR SHAFTS.

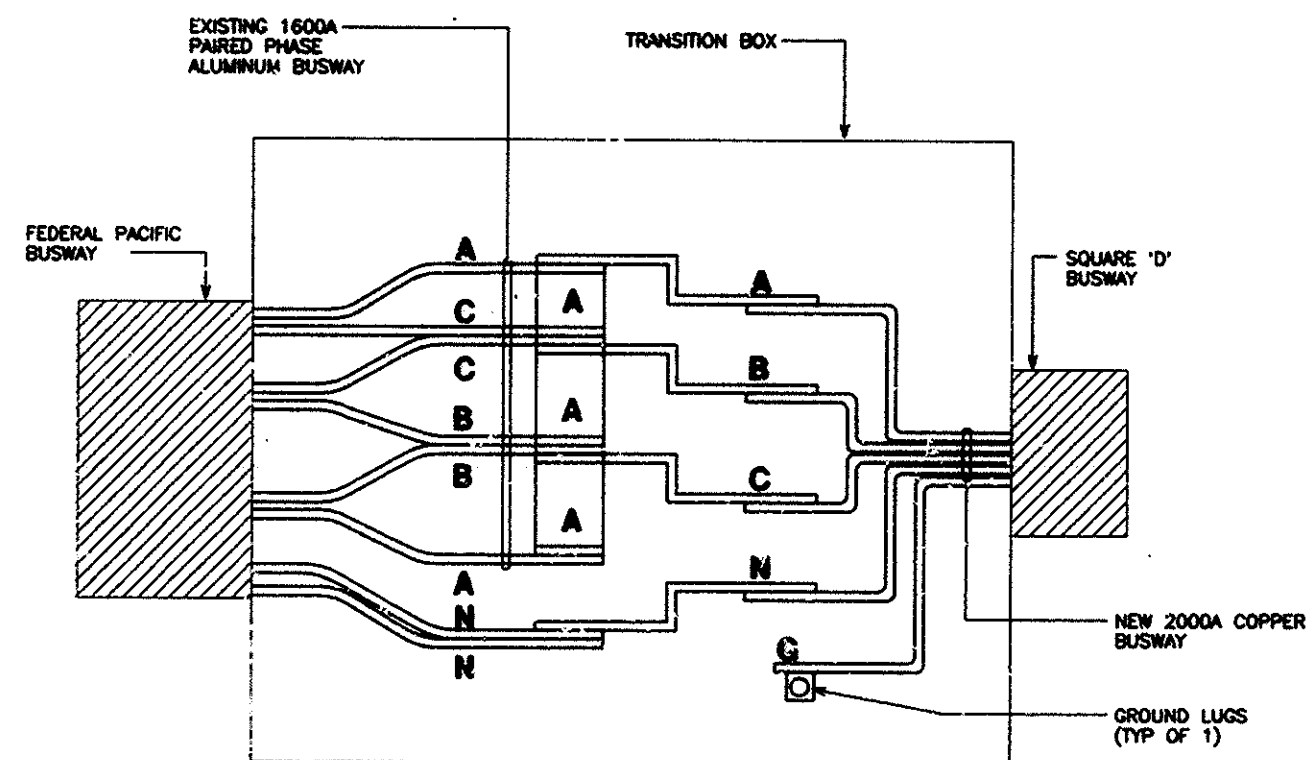


VERTICAL CONDUIT SUPPORT DETAIL

N.T.S.

NOTES:

- ① CHANNEL IRON
- ② 4" CONDUIT
- ③ CONDUIT CLAMP



TRANSITION BOX DETAIL

NOTES:

1. ALL BUS BAR EXTENTIONS TO BE 2000A, COPPER.
2. PLATING OF NEW BUSWORK TO MATCH EXISTING.

Sheet 41 of 41



THE PORT AUTHORITY
OF NEW YORK AND NEW JERSEY

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3/15/01 Drawings of Record
No. Date Revision Approved

Engineering Department
Design Division

The World Trade
Center
Electrical/HVAC
Upgrade Program

Title
LOW VOLTAGE DISTRIBUTION
ONE & TWO WTC
ELECTRICAL

MISCELLANEOUS
ELECTRICAL
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Date 10/4/93 Scale NONE

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